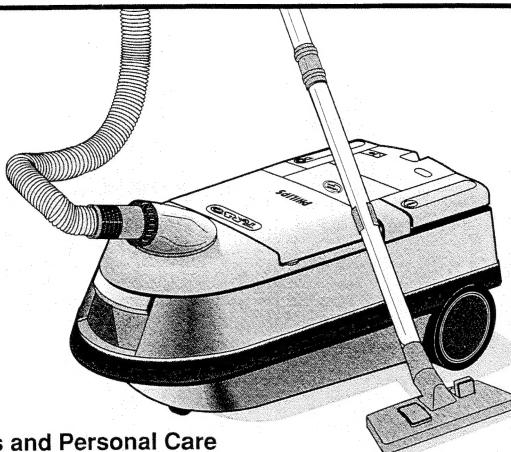


# Service Service Service



TCX 611 TCX 722 TCX 836  
 TCX 623 TCX 723 TCX 838  
 TCX 625 TCX 735 TCX 852  
 TCX 627 TCX 737 TCX 872  
 TCX 628 TCX 738 TCX 879  
 TCX 631 TCX 739 TCX 882  
 TCX 635 TCX 772 TCX 889  
 TCX 672 TCX 778  
 TCX 675

Philips Domestic Appliances and Personal Care

# Service Manual

## PRODUCT INFORMATION

TCX . . . - Vacuum cleaners

- 1 red
- 2 green
- 3 cloudy white
- 5 burgundy red
- 6 dark grey
- 8 black
- 9 metallic blue
  
- 1 non-electronic
- 2 electronic (no accessory storage)
- 3 electronic
- 5 active carbon filter
- 7 rem. control electronic
- 8 rem. control electronic
  
- 6 silence serie
- 7 silence serie
- 8 exclusive serie

### X connical connection of accessories

TC Turbo Compressor motor

- Maximum air desplacement : 40 l/sec.  
(measured without hose and tubes) 43 l/sec.
- Maximum vacuum water column : 190 cm  
(measured without hose and tubes) 250 cm
- Power consumption (IEC) 225V : 1000W  
1200W
- Dust storage capacity : 4.5 litre
- Cord length : 6 metre
- Filter system : Paper dustbag  
Duo-filter motor-inlet  
Exhaust air filter
- Dimensions cleaner : 55 x 29 x 25 cm
- Weight without accessories : 6.7 kg
- Dimensions cleaner : 58 x 29 x 25 cm
- Weight without accessories : 7.6 kg

- TCX 6..
- TCX 7.., TCX 8..
- TCX 6..
- TCX 7.., TCX 8..
- TCX 6..
- TCX 7.., TCX 8..
- TCX 6.., TCX 7..
- TCX 8..
- TCX 6.., TCX 7..
- TCX 8..
- TCX 6.., TCX 7..
- TCX 8..

## OPTIONAL

- Exhaust air filter HR 6932 (4822 015 70056)
- Linen dustbag HR 6935 (4822 480 10072)
- Paper dustbag set HR 6938 (4822 015 70049)
- Carbon filter HR 6950 (4822 480 40252)
- Hard floor nozzle HR 6943 (8836 943 03010)
- Turbo brush HR 6974 (4822 479 50063)
- Electric brush HR 6978 (8836 978 03010)

## SERVICE INFORMATION

- Components configuration on exploded view may differ in case of specific versions. However, the actual components are discernable by code number.
- If a repair has been made, make sure that all functions of the appliance are working correctly.
- The spare parts have been standarized in colour and function as much as possible
  - (..) = standarized spare part in appliance concerned
  - .. = original spare part in appliance concerned
- Item 7 dustchamber cover ( remote control versions). Use a isolated short-bridge between the middle and the N-marked contact, to imitate the low-voltage (9V=) rem.contr.-hose.
- Item 15A Linen dustbag is used in those countries where paper dustbags are not available.
- Item 19 (without c.w.knob) must be placed after the cleaner has been assembled
- Item 27 If requested, remove the plug(s) concerned or add a hole(s) corresponding to the hole(s) in the original dust chamber, before connecting suction tube of dustbag full indicator (and cord winder coolhose)
- Item 28 is only placed in the low voltage versions (100-127V)
- Item 52 The RPM can be adjusted by means of the potentiometer on the pcb. The RPM is correctly adjusted if the motor starts automatically and continues to run smoothly with the on/off switch and the adjustable potentiometer in minimum position.
- Item 70 up to and including 88. The assembly of accessories depends on the national version.
- Item 101 is provide with the long cord winder spring; a long and a short cord can be used in combination with this spring.
- To remove the cordwinder use TORX screw driver no T15, which is one of a set consisting T20, T15, T10, T9, T8, T7 and T6 = 4822 395 50145.
- Item 104 up to and including 111. Depending on the lenght of the cord winder spring, the cord must be shortened.

Published by Philips Domestic Appliances and Personal Care Printed in The Netherlands ©Copyright reserved Subject to modification

4822 729 21471

94/11

PCS 79 629

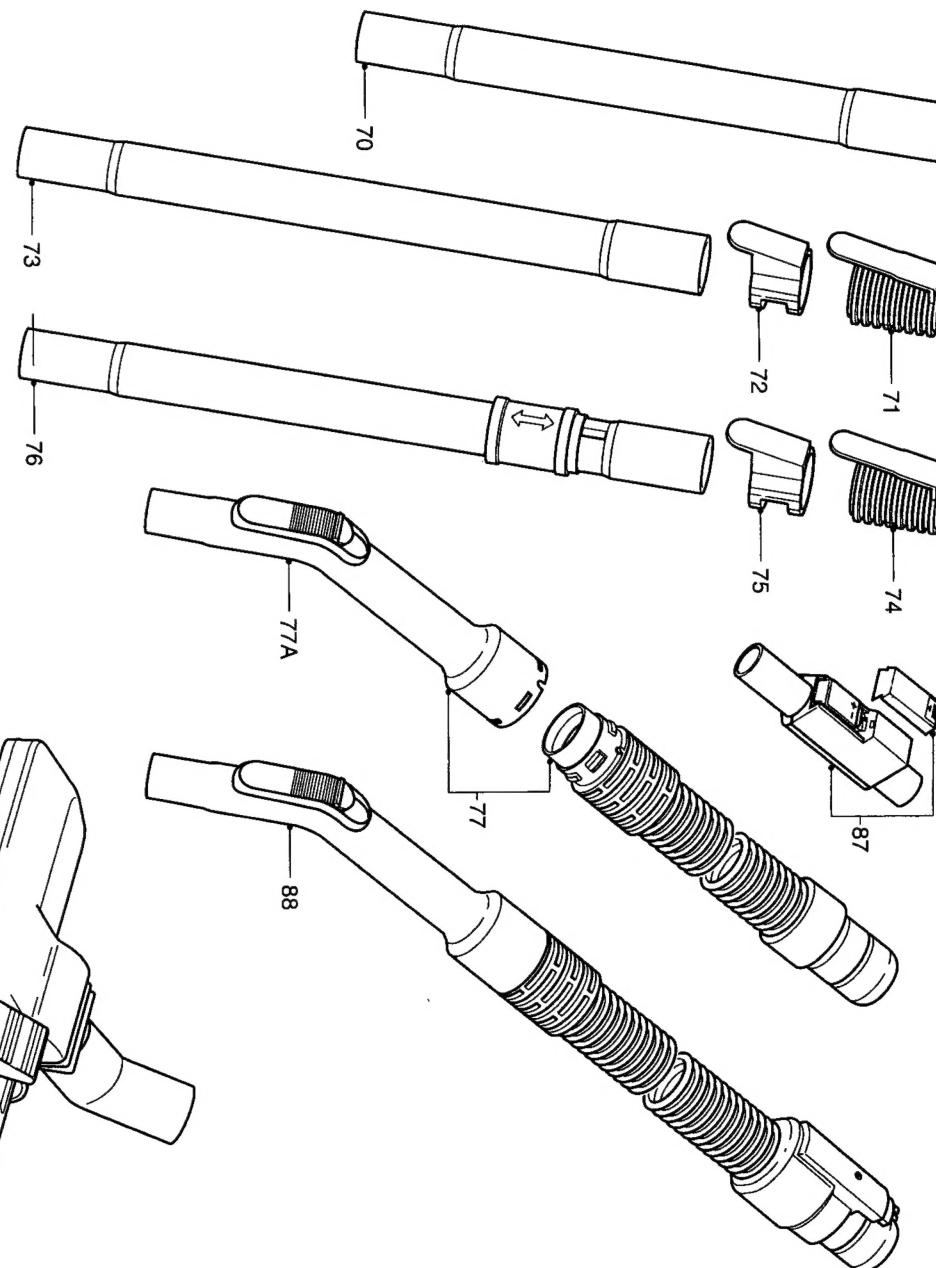
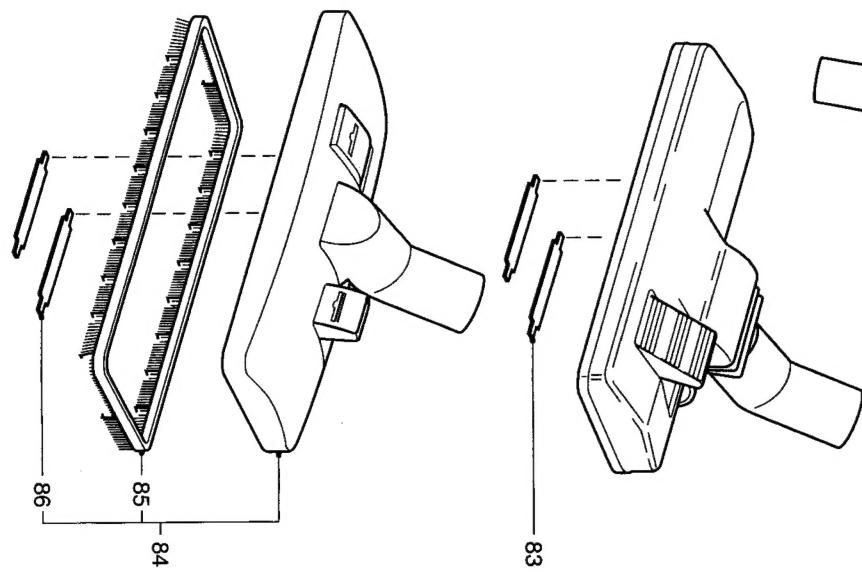
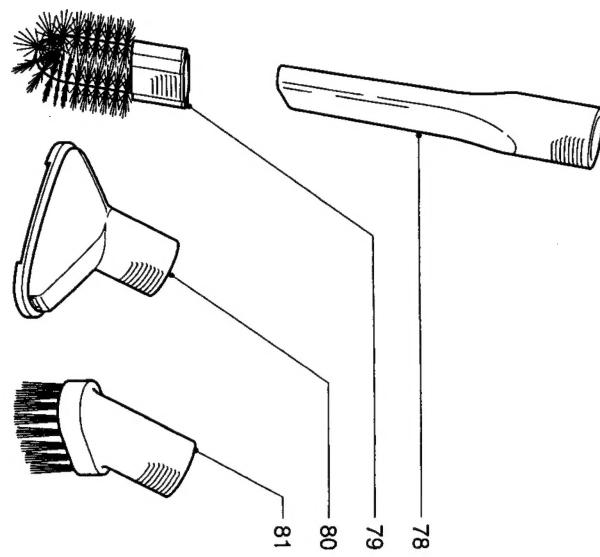


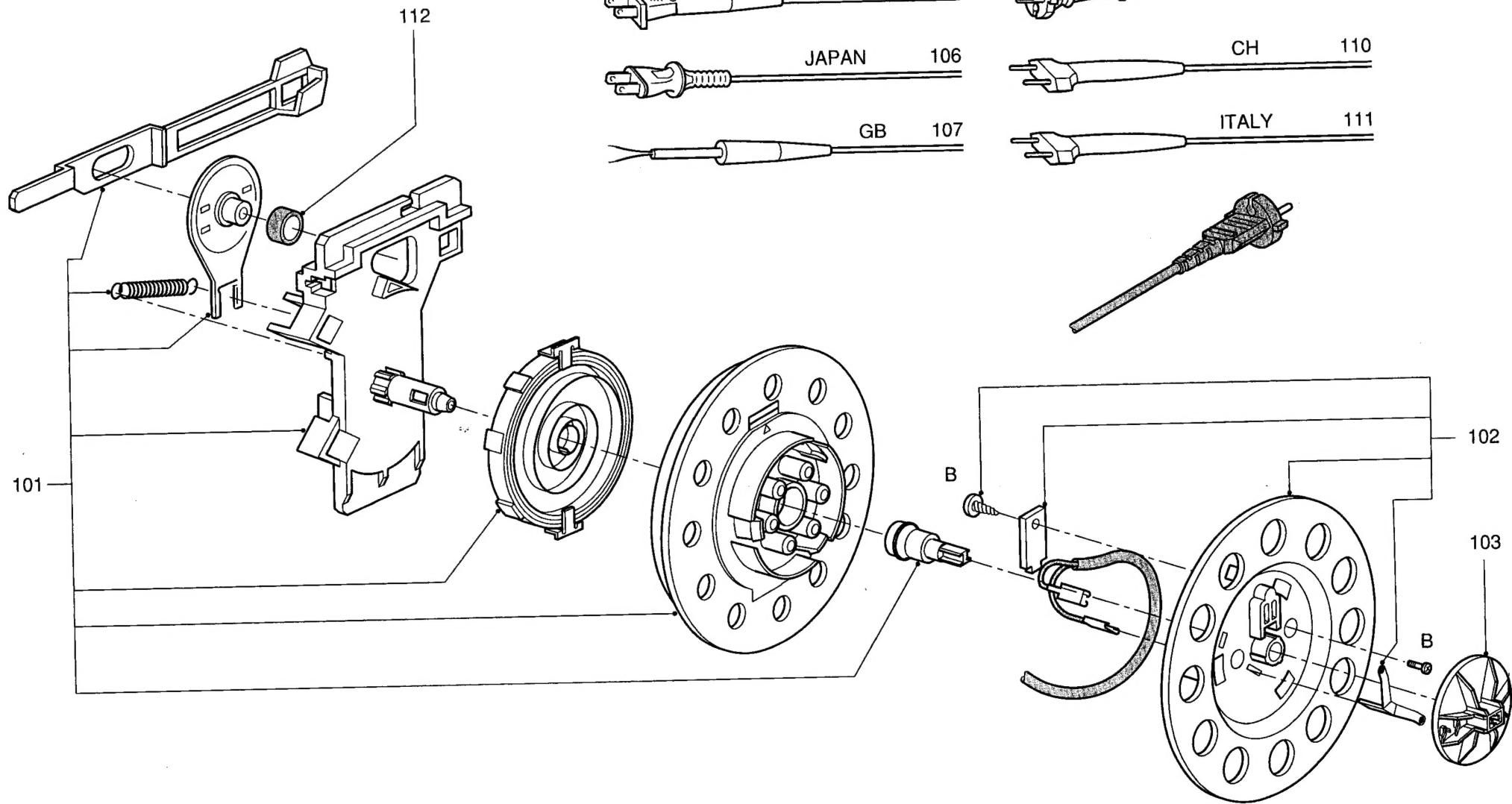
# PHILIPS

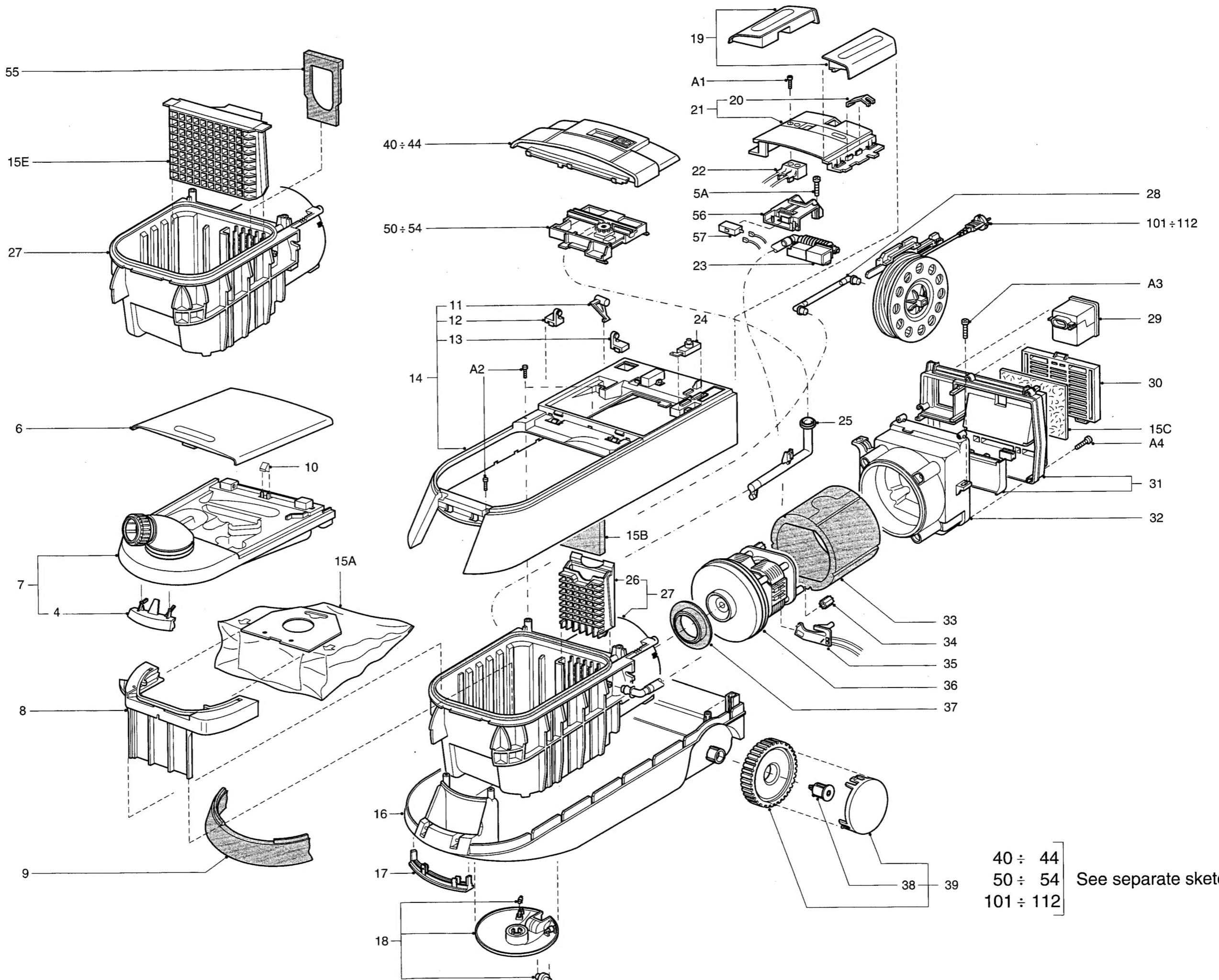
Vacuum cleaner TCX	611	623	625	627	628	631	635	672	675	722	723	735	737	738	739	772	778	836	838	852	872	879	882	889		
4822 440 40919	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	vers.panel rmc	
42 4822 440 40818	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	vers.panel	
4822 440 40957	-	-	(1)	-	-	-	(1)	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	vers.panel	
4822 440 40822	-	(1)	-	-	-	-	-	-	-	-	(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	vers.panel	
4822 440 40823	-	-	-	(1)	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	vers.panel	
4822 440 40958	-	-	-	-	(1)	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	vers.panel	
4822 440 40959	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	vers.panel	
4822 440 40961	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	vers.panel	
4822 440 40923	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	vers.panel	
4822 440 40962	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	vers.panel turnknob	
43 4822 440 40949	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	vers.panel	
Use item 42	-	X	X	X	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	vers.panel	
44 4822 440 40925	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	
50 4822 214 70582	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	1	-	-	-	1	1	1	1	1	1	
52 4822 214 70402	-	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	-	1	1	1	-	-	-	-	pcb-rmc 230V	
4822 214 70391	-	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	-	1	1	1	-	-	-	-	pcb 110-127V	
53-52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	pcb 220-240V	
54 4822 290 81475	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	terminal plate	
55 4822 466 93451	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	sealing body	
56 4822 404 40821	(1)	(1)	1	(1)	(1)	(1)	1	1	1	1	(1)	1	(1)	(1)	1	1	(1)	1	(1)	1	1	1	1	1	1	park aid assy
57 4822 271 30856	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	-	1	1	1	-	-	-	-	micro switch	
70 4822 530 10232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	conn.synth.tube	
71 4822 492 71622	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	park clip metal tube	
72 4822 530 10208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	clip metal tube	
73 4822 530 10229	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	-	-	-	-	-	-	-	-	-	conn.metal tube	
74 4822 492 71623	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	park clip telesc.tube	
75 4822 530 10207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	clip telesc.tube	
76 4822 530 10233	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	conn.telesc.tube	
77 4822 530 10231	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	-	1	1	1	-	-	-	-	conn.grip + hose	
77A 4822 530 10235	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	-	1	1	1	-	-	-	-	conn.handgrip	
78 4822 479 50062	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	conn.crev.nozzle	
79 4822 479 20126	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	brush cr.nozzle	
80 4822 479 60118	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	conn. small nozzle	
81 4822 479 30176	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	conn. pl.nozzle	
82 4822 479 70072	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	conn.big nozzle	
83 4822 479 20123	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	strip	
84 4822 479 70071	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	conn.big nozzle		
85 4822 479 20039	1	1	1	1	1	-	-	-	-	1	1	1	1	1	1	1	-	-	-	-	-	-	-	brush		
86 4822 479 20038	1	1	1	1	1	-	-	-	-	1	1	1	1	1	1	1	-	-	-	-	-	-	-	strip		
87 4822 452 80167	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	dust detector 9V		
88 4822 530 10234	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	1	1	-	-	1	1	1	1	1	rmc grip + hose	
101 4822 528 10837	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1	1	1	1	1	1	1	reel half spring side	
102 4822 528 10836	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	reel half contact side	
103 4822 290 81474	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	contact ring	
104 4822 321 10816	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	cord l=7.5 Australia	
105 4822 321 10817	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	cord l=8.5 USA/CN	
106 4822 321 10822	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	cord l=5.3 Japan	
107 4822 321 10818	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	cord l=8.3 G.B.	
108 4822 321 10783	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1	1	1	1	1	1	1	cord l=8.3 Pins 4.8mm	
109 4822 321 10784	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1	1	1	1	1	1	1	cord l=8.5 Pins 4.0mm	
110 4822 321 10806	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1	1	1	1	1	1	1	cord l=8.3 CH	
111 4822 321 10815	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1	1	1	1	1	1	1	cord l=8.3 Italy	
4822 321 10829	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	cord l=6.3 127V	
112 4822 532 52554	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	brake rubber	
Vacuum cleaner TCX	611	623	625	627	628	631	635	672	675	722	723	735	737	738	739	772	778	836	838	852	872	879	882	889		



Vacuum cleaner TCX	611	623	625	627	628	631	635	672	675	722	723	735	737	738	739	772	778	836	838	852	872	879	882	889	
19 4822 528 40345	1	1	-	1	-	1	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	knobs	
4822 528 40346	-	-	1	-	(1)	-	1	1	1	1	-	1	-	(1)	1	1	(1)	(1)	(1)	1	1	1	1	1	knobs
4822 528 40373	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(1)	(1)	1	1	1	1	1	knobs
20 4822 492 63728	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	leaf spring
21 4822 440 40948	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	1	-	-	1	1	-	1	-	cover	
4822 440 40926	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	-	-	-	cover	
4822 440 40951	-	-	1	-	-	1	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	cover	
4822 440 40952	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	cover	
4822 440 40953	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	cover	
4822 440 40954	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	cover	
4822 440 40955	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	1	-	cover
4822 440 40956	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	cover	
22 4822 214 70384	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	contact box
23 4822 450 81197	1	1	1	1	1	1	1	1	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	suction indicator
24 4822 276 13205	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	switch
25 4822 532 52415	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	coolpipe print	
26 4822 458 30622	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	inletgrill
27 4822 440 40775	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	dustchamber	
4822 440 40782	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	dustchamber
28 4822 530 21034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	coolhose cordwinder	
29 4822 440 40784	-	(1)	1	(1)	-	-	1	1	1	1	(1)	1	(1)	-	1	1	-	1	-	1	1	1	1	1	cord outlet
4822 321 11083	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	cord outlet	
4822 440 40846	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	cord outlet	
30 4822 458 40556	-	(1)	1	(1)	-	-	1	1	1	1	(1)	1	(1)	-	1	1	-	1	-	1	1	1	1	1	backgrille
4822 440 40911	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	backgrille	
4822 458 10435	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	backgrille	
31 4822 440 40787	-	(1)	1	(1)	-	-	1	1	1	1	(1)	1	(1)	-	1	1	-	1	-	1	1	1	1	1	backlid
4822 440 40912	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	backlid	
4822 440 40853	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	backlid	
32 4822 466 93054	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2f-motorcover	
4822 440 40781	1	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1f-motorcover	
33 4822 466 93055	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	silencer
34 4822 466 60905	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	buffer	
35 4822 282 20254	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	thermal cut-out	
36 4822 361 10643	(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	motor 931-225V	
4822 361 10642	1	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	motor 1031-240V	
4822 361 10641	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	motor 1031-225V	
4822 361 10639	-	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	motor 1031-225V-E		
4822 361 10638	1	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	motor 1031-127V(E)		
4822 361 10636	1	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	motor 1031-110V(E)		
4822 361 10635	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	motor 1232-240V(E)	
4822 361 10632	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	motor 1232-225V-E	
4822 361 10634	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	motor 1232-120V-E	
37 4822 466 60882	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	bearing	
38 4822 520 40288	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	bearing	
39 4822 528 70783	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	rear wheels	
4822 462 71923	-	-	(1)	(1)	(1)	-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	red cover only	
4822 528 70817	1	1	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	cover only	
40A 4822 459 11227	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	1	-	-	-	1	1	1	1	rmc badge	
40 4822 440 40918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	vers.panel rmc		
4822 440 40915	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	vers.panel rmc		
4822 440 40916	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	vers.panel rmc		
4822 440 40917	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	vers.panel rmc		
Vacuum cleaner TCX	611	623	625	627	628	631	635	672	675	722	723	735	737	738	739	772	778	836	838	852	872	879	882	889	

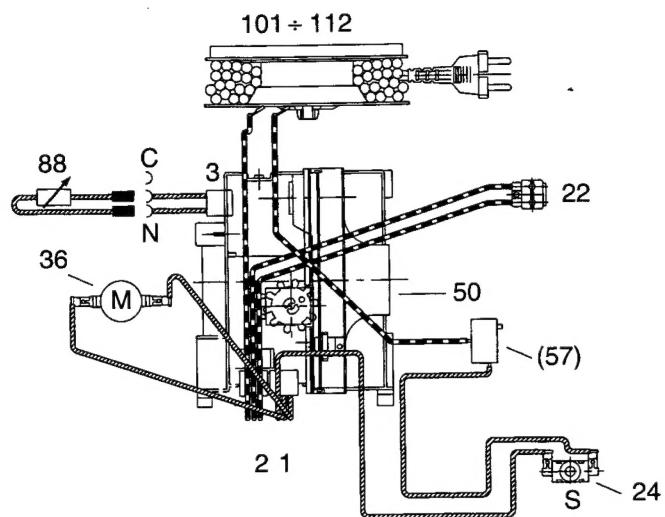




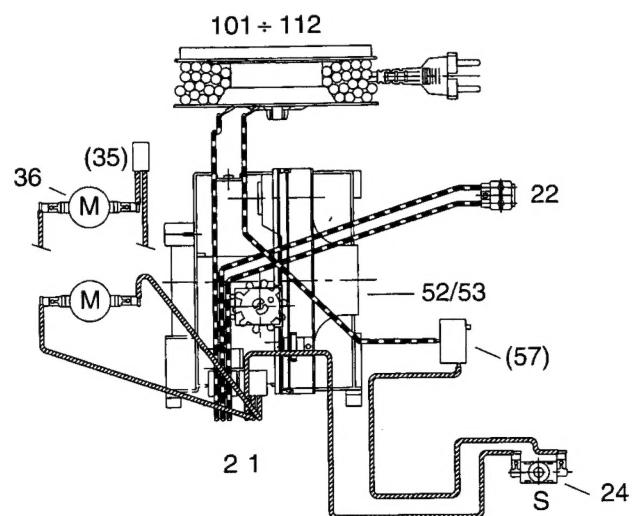
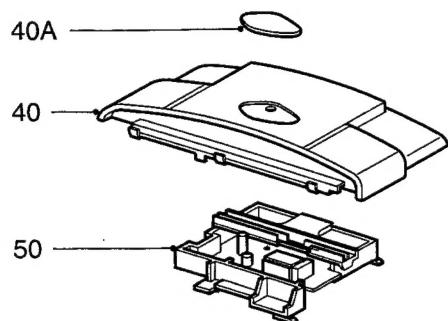


$$\begin{array}{r} 40 \div 44 \\ 50 \div 54 \\ 101 \div 112 \end{array}$$

See separate sketch

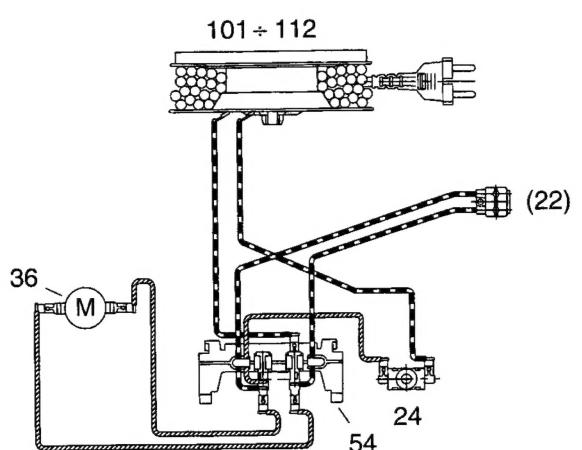
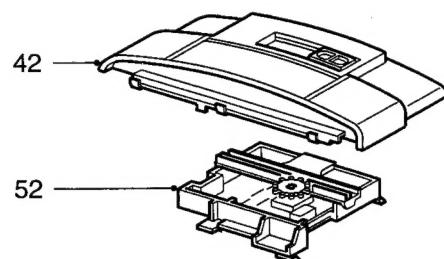


TCX.7.

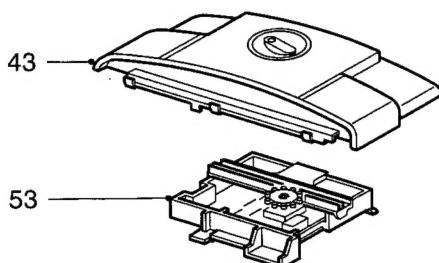


TC.3.

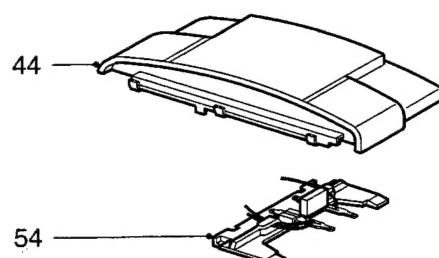
TC.5.



TC.2.



TC.1.



101 ÷ 112 See separate sketch

